PPLICATION FOR UNITED STATES PATENT **Declaration for Patent Application**

ventor, I hereby declare that:

Mossidence of office address and citizenship are as stated below next to my name. I believe that the original, first and sole inventor (if and the original). the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on

the invent	cation of v	vhich		2 (file no)	
•	the specification of which check at least one) 3 [] 4 [X] 6 []		is attached hereto was filed on Fledryca and was amended	as (5) U.S. Applicat (if applicable)	,	<i>63</i>
Use this	7 [x]	was filed as P	PCT international applic	cation		
portion only if you	8	Number PC	T/JP00/03874			
are entering the U.S. National	9	on <u>June 15</u>	5, 2000			
phase based on a PCT International		and was amer	nded under PCT Article	e(s) 19 and/or 34		
Application designating the U.S.	10	on		(i	f applicable).	
amendment I acknowle bility in acco I hereby cl ate listed bel	referred to edge the di ordance wi aim foreig ow and ha	above. uty to disclose to the Title 37, Code priority benefice also identifie	o the United States Pate le of Federal Regulation fits under Title 35, United to below any foreign ap	ed States Code, §119 of any fore plication(s) for patent or invento	ormation known to me which eign application (s) for patent or's certificate or any PCT in	is mater or inven
amendment I acknowle bility in acco I hereby cl ate listed bel tion(s) desig than that of t	referred to edge the du ordance wi aim foreig ow and ha nating at le the application	above. Ity to disclose to the Title 37, Code of priority benefive also identified ast one country tion(s) on which	o the United States Pate le of Federal Regulation fits under Title 35, United to below any foreign ap other than the United in priority is claimed.	ent and Trademark Office all infons, §1.56. ed States Code, §119 of any fore plication(s) for patent or invento States of America filed by me on	ormation known to me which eign application (s) for patent or s certificate or any PCT into the same subject matter hav	is mater or inven ernationa ing a filin
amendment I acknowle bility in acce I hereby cl ate listed bel tion(s) desig than that of t Prior (Fore	referred to edge the do ordance wi aim foreig ow and han nating at lea the application	above. ty to disclose to th Title 37, Cod in priority benefive also identifie east one country tion(s) on which ication(s) any P	to the United States Pate le of Federal Regulation fits under Title 35, United below any foreign ap other than the United in priority is claimed.	ent and Trademark Office all infons, §1.56. ed States Code, §119 of any fore plication(s) for patent or invento States of America filed by me on 5 U.S.C. 119	eign application (s) for patent or's certificate or any PCT into the same subject matter hav	is mater or inven- ernationa ing a filing
amendment I acknowle bility in acco I hereby cl ate listed bel tion(s) desig than that of t	referred to edge the de ordance wi aim foreig ow and hat nating at le the application. AN	above. Ity to disclose to the Title 37, Code of priority benefive also identified ast one country tion(s) on which ication(s) any P	o the United States Pate le of Federal Regulation fits under Title 35, United to below any foreign ap other than the United in priority is claimed.	ent and Trademark Office all infons, §1.56. ed States Code, §119 of any fore plication(s) for patent or invento States of America filed by me on	eign application (s) for patent or s certificate or any PCT into the same subject matter hav	is mater or inven ernation ing a filin v Claime
amendment I acknowle bility in acce I hereby cl ate listed bel tion(s) desig than that of t Prior (Fore	referred to edge the du- ordance wi- aim foreign ow and hat nating at least the application eign) Application	above. Ity to disclose to the Title 37, Code of priority benefive also identifie east one country tion(s) on which ication(s) any P	to the United States Pate of Federal Regulation fits under Title 35, United below any foreign apy other than the United in priority is claimed. Triority Claims Under 3 P11-178737 Number)	ent and Trademark Office all infons, §1.56. ed States Code, §119 of any fore plication(s) for patent or invento States of America filed by me on 5 U.S.C. 119	eign application (s) for patent or s certificate or any PCT into the same subject matter hav	is mater or inven ernation ing a filin v Claime
amendment I acknowle bility in acce I hereby cl ate listed bel tion(s) desig than that of t Prior (Fore JAP (Cou JAP	referred to edge the de ordance wi aim foreig ow and ha nating at le the applicat eign) Appl AN ntry) AN ntry)	above. uty to disclose to the Title 37, Code of priority benefive also identifie east one country tion(s) on which ication(s) any P	to the United States Pate le of Federal Regulation fits under Title 35, United below any foreign ap of other than the United in priority is claimed. Patential Claims Under 3 Patential Claims Unde	ent and Trademark Office all infons, §1.56. ed States Code, §119 of any fore plication(s) for patent or invento States of America filed by me on 5 U.S.C. 119 24/06/1999 (Day/Month/Year Filed)	eign application (s) for patent or s certificate or any PCT into the same subject matter have the same for the same subject matter have the same subject matter for the same subject matter have the same subject matter ha	is mater or inven ernations ing a filin ty Claims No
amendment I acknowle bility in acce I hereby cl ate listed bel- tion(s) desig than that of t Prior (Fore JAP (Cou JAP (Cou Priority Cl	referred to edge the de- ordance wi- aim foreign ow and ha- mating at le- the applicate eign) Appl AN intry) An itional for- aim(s) from	above. Ity to disclose to the Title 37, Code of priority beneficed as one country tion(s) on which the tication(s) any Priority application (s) The tication (s) any Priority (s) The tication (o the United States Pate le of Federal Regulation fits under Title 35, United below any foreign ap other than the United in priority is claimed. P11-178737 Number) P10-356409 Number) In numbers are listed on onal Application(s) – I h	ent and Trademark Office all infons, §1.56. ed States Code, §119 of any fore plication(s) for patent or inventor States of America filed by me on 5 U.S.C. 119 24/06/1999 (Day/Month/Year Filed) 15/12/1998 (Day/Month/Year Filed)	eign application (s) for patent or s certificate or any PCT into the same subject matter hav Priority [x] Yes et attached hereto.	is mater or inven ernations ing a filin y Claime No [x]

I hereby appoint the following attorneys of the firm of Stevens, Davis, Miller & Mosher, L.L.P. as my attorneys of record with full power of substitution and revocation to prosecute this application and to transact all business in the Patent and Trademark Office:

(U.S. Filing Date)

PCT international application(s) designating the United States of America that is/are listed below and, insofar as

the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the

manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose

to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between filing date of the prior

James E. Ledbetter, Reg. No. 28732; Thomas P. Pavelko, Reg. No. 31689; and Anthony P. Venturino, Reg. No. 31674.

ALL CORRESPONDENCE IN CONNECTION WITH THIS APPLICATION SHOULD BE SENT TO STEVENS, DAVIS, MILLER & MOSHER, L.L.P., 1615 L Street, N.W., Suite 850, Washington, D.C. 20036, TELEPHONE (202) 408-5100, FACSIMILE (202) 408-5200.

application and the national or PCT international filing date of this application.

(U.S. Application Number)

portion to identify a

PCT application if the parent application is

the U.S. National phase of the PCT

application

Status (patented, pending, abandoned)

INSTRUCTIONS FOR COMPLETION OF THIS FORM

line I Insert the same title as is used on the fication and in the assignment.

line 2 Is optional but is provided so that you can use it to identify more readily an application prior to the time that the Patent Office application serial number is assigned. We suggest that the specification, drawings and declaration always bear a file number since it can help to get the papers together in the paper

- line 3 Check this box if the specification, claims and drawing (if any) are attached to this declaration form, e.g., when filing a new patent application.
- lines 4-5 Are only used in an instance where the application is already on file and the declaration from is being separately filed, e.g., when the application was originally filed without a signed declaration or where the Patent Office has required a new declaration because of a deficiency in the original declaration. In such an instance the Patent Office will require that lines 4 and 5 be completed with the filing date and application serial number already assigned.
- line 6 Is used in conjunction with line 5 but only when there have been one or more amendments to the specification or claims. Line 6 is also used when the Examiner requires a new declaration because claims inserted by amendment cover subject matter not originally claimed (37 CFR \$1.67).
- lines 7-10 Are for PCT (Patent Cooperation Treaty) cases and are used <u>only</u> when you are entering the U.S. National phase (Chapter I or II) based upon a previously filed PCT International application designating the U.S.
- line ? Check this box if this is a PCT National Phase application Best Available Co. Insert PCT International application number.
- line 9 Insert date of filing of PCT International application.
- lines 10 Insert the date of all amendments filed in the PCT International application. Such amendments are optional, so this line at times will not be used.
- line 11a ls used in the following instances:
 - (i) If a single priority is being claimed from a foreign application you need to list only the first-filed application; you do not need to list other countries if all applications were filed within one year of the U.S. filing.
 - (ii) If multiple priorities are being claimed, from a plurality of applications filed in one or more countries, you must list the first filed application for each aspect of the invention. Example: if aspect A of the invention was disclosed in an application filed 11 months earlier in country X and aspect B was disclosed 9 months earlier in an application filed in country Y, then the applications in both countries X and Y must be identified. Only the first application for each aspect of the invention needs to be identified provided all applications on that aspect were filed within one year prior to the U.S. filing.
 - (iii) If a non-priority application is being filed you must list all applications in all countries where corresponding foreign applications were filed more than one year prior to the U.S. filing. This is so the Examiner can check to see if any of those applications were published or patented early enough to be prior art against the U.S. application.
 - (iv) If there are more than two applications to be listed we suggest that you type in on this form only "See attached Schedule A" and then list all of the previous applications on an attached sheet.
- line 11b Is used to claim priority under 35 USC §119(e) based on a provisional application filed within one year of the filing of the instant application. More than one provisional application may be identified provided neither was filed more than one year earlier.
- This block is used only in instances where there is a previously filed <u>U.S.</u> non-provisional application which was copending at the time the present application was (or is being) filed. that previous application could be a U.S. non-provisional application or the National Phase of a PCT allocation. In such a case the present application may be entitled to the priority of the previous application's U.S. filing date (and consequently the foreign priority thereof) provided the present application is identified as a continuing application (continuation, divisional or continuation-in-part) of the earlier (parent) application. If the foregoing is applicable, please fill in one line for each such prior application.
- line 13 Type the inventor's proper legal name in the order specified, e.g., "John B. JONES" or "J. Bob JONES" if the inventor so prefers. It is <u>not</u> acceptable to use only initials such as "J. B. JONES."
- The inventor's "signature" may be his (or her) usual manner of signing but it is preferable that the inventor simply write his (or her) name in his (or her) own cursive handwriting in the same order as on line 14, e.g., given name, middle initial and Family name.
- line 15 Insert the actual date of signature.
- line 16 Insert simply the city and state or country, e.g., "Paris, France", of the inventor's <u>residence</u>, not citizenship. No street address or postal code is required on this line.
- line 17 Insert the inventor's citizenship. The statement of citizenship (or subject of) is a statutory requirement (35 USC §115). Simply the name of the country of citizenship, e.g., "Japan" is sufficient.
- line 18 Insert the inventor's mailing address. The purpose of requiring the post office address is to enable the Patent Office to communicate directly with the inventor if desired, such as in the case of death of the U.S. attorney. It should be the address where the inventor customarily receives his (or her) mail and should include the postal code. If applicable it can be the inventor's business address or address at place of employment.

Applicants are reminded that the U.S. Patent and Trademark Office has very strict requirements as to proper execution of an application. The applicant should make sure that he reviews the declaration, prior to signing to make sure the declaration properly identifies the application and all relevant information; and should review the specification and claims (including drawings, if any) before signing the declaration. Failure to do so will require the filing of a supplemental declaration --- 37 CFR §1.67(c).

Any handwritten changes to the specification, claims or drawings must be in ink personally by all of the inventors prior to signing the declaration and the adjacent left margin must be initialed and dated by all of the inventors, e.g., "JBJ 6-9-91".

Please let us know if there are any questions regarding proper completion of this form. Thank you.

An assignment, a separate document requiring separate signature and dating may be enclosed. Please look for it and sign and date it in the same manner as in lines 15 and 16 above.

STEVENS, DAVIS, MILLER & MOSHER, J. L.P.

I hereby declare that all statements made herein of r that these statements were made with the knowledget willful false statements and the like so made are punishar by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful statements may jeopardize the validity of the application or any patent issuing thereon.

 					 _
PAGE 2 (OF U.S.A.	DECLA	RATION I	FORM	

13a	Typewritten Full Name of Sole or First Inventor	Guizeng		SHI			
		Given Name	Middle Name	Family Name			
14a	Inventor's Signature						
15a	Date of Signature			Year			
	D 11	Month	Day	JAPAN			
16a	Residence	Akishima-shi City	Tokyo State or Province	Country			
172	Citizenship	China					
18%	Post Office Address	4-4-18-104, Midori-cho),				
<u>@</u>	(Insert complete mailing address, including country)	Akishima-shi, Tokyo 196-0004 JAPAN					
164 Adologo Para 135 Para 146 Para 156	Typewritten Full Name of Sole or Second Inventor	Osamu Given Name	Middle Name	KATO Family Name			
14b	Inventor's Signature	Bean	rii	Kato			
15b	Date of Signature		arch 14, 20	Year			
S	n '1	Month	Day	year JAPAN			
166	Residence	Yokosuka-shi City	Kanagawa State or Province	Country			
17b	Citizenship	Japan					
18b	Post Office Address	5-45-G302, Shonantak	atori,				
	(Insert complete mailing address, including country)	Yokosuka-shi, Kanaga	wa 237-0066 Japan				
13c	Typewritten Full Name of Sole or Third Inventor	Mitsuru	•	UESUGI			
	of Sole of Third Hivelitor	Given Name	Middle Name	Family Name			
14c	Inventor's Signature	Mitau	MAN	(Rosman is			
		Mitrus	arch 14. 200	سستر ا			
15c	Date of Signature	Month	Day	Year			
16c	Residence	Yokosuka-shi	Kanagawa	JAPAN			
		City	State or Province	Country			
17c	Citizenship	Japan	:				
18c	Post Office Address	17-1-402, Anjindai,					
	(Insert complete mailing address, including country)	Yokosuka-shi, Kanagawa 238-0048 Japan					
13d	Typewritten Full Name						
	of Sole or Fourth Inventor	Given Name	Middle Name	Family Name			
		Given Name	Middle Name	1 aminy 14ame			
14d	Inventor's Signature						
15d	Date of Signature	Month	Day	Year			
16d	Residence	City	State or Province	Country			
17d	Citizenship	City	Sizzo di Fiovindo	y			
17d 18d	Post Office Address						
104	(Insert complete mailing address, including country)						

Please sign name on line 15 exactly as it appears in line 14 and insert the actual date of signing on line 16. If there are more than four inventors, please add a copy of this page for identification and signatures for the additional inventors.